

CLAIMS

1. A film-type storage device comprising:

a storage body, which has at least one pair of positive and negative electrodes, and is sealed with a surface film, at least a part of which is sealed; and

connecting terminals for connecting the positive and negative electrodes to the outside, a part of each of which is exposed;

wherein exposed portions of the connecting terminals are located at non-sealed portions.

2. The film-type storage device according to claim 1,

wherein the exposed portions of the connecting terminals are formed in the terminals.

3. The film-type storage device according to claim 2,

wherein the internal exposed portions of the connecting terminals are blind bores.

4. The film-type storage device according to claim 2,

wherein the internal exposed portions of the connecting terminals are penetrating holes.

5. The film-type storage device according to claim 1,

wherein the connecting terminals of the positive and negative electrodes are fixed to a same terminal supporting body, and the terminal supporting body is integrally fixed to

an inner surface of the surface film.

6. The film-type storage device according to claim 1,

wherein a positive active material can reversibly carry lithium ions and/or anions, a negative active material can reversibly carry lithium ions, capacitance per unit weight of the negative active material is over three times larger than that of the positive active material, and weight of the positive active material is larger than that of the negative active material.

7. The film-type storage device according to claim 6,

wherein the storage body has positive and negative electrode collectors, the collectors have holes penetrating front and rear surfaces of the collectors respectively, a lithium electrode, which is disposed opposite to the negative electrode, is capable of electrochemically supplying lithium ion to the negative electrode, and the lithium electrode, which make the negative electrode carry lithium ion previously before charging, is provided at the storage body.

8. The film-type storage device according to claim 6,

the negative active material is an insoluble and infusible base having a polyacene-based skeletal structure, hydrogen/carbon atomic ratio is in the range of 0.50 to 0.05.

9. An electric device including the storage device according

to claim 1.